Sim Models & Software

Sim Models



Verilog_MT25T_3V_512Mb_H Config_VG (GZ)

Verilog Twin Quad_H Version_2 Clocks_2 Chip Select_133MHz

File Type: GZ

Updated: 02/07/2017

Embedded Memory Solutions MT25T **NOR Flash**

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Software

Software Driver



MT25Q (128Mb, 256Mb, 512Mb, 1Gb, 2Gb) General Low-Level Driver (ZIP)

General low-level driver for MT25Q serial NOR. Download the technical note for this driver here.

File Type: ZIP

Updated: 06/14/2016

Automotive **Embedded Memory Solutions** MT250 **NOR Flash**

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Software Driver



N25Q (16Mb, 32Mb, 64Mb, 128Mb, 256Mb, 512Mb, 1Gb) General Low-Level Driver v2.1

(ZIP)

General low-level driver for N25Q serial NOR. Download the technical note for this driver here.

File Type: ZIP

Updated: 08/31/2015

Automotive **Embedded Memory Solutions** N25Q **NOR Flash** See More Tags

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Software Driver



Serialize Function for the SPI Controller (ZIP)

Provides the serialize function for the serial peripheral interface (SPI) controller for Micron's serial Flash devices (NAND, NOR, and PCM).

File Type: ZIP

Updated: 12/28/2011

NOR Flash Serial NOR Flash

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RoHS Certificates

RoHS Certificates

Part-specific certification of how this product meets the requirements of the current DIRECTIVE 2002/95/EC, a.k.a. Restriction of Hazardous Substances (RoHS) Directive.

File Type: (PDF)

Updated: 03/2017

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RoHS Certificates

China RoHS Certificate (PDF)

MT25TL512HBA8E12 0SIT

Part-specific certification as required by China's Management Methods for Controlling Pollution by Electronic Information Products.

File Type: (PDF)

Updated: 03/2017

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Documentation & Support

See All Serial NOR Flash Documentation

Technical Notes

SEARCH (35) SERIAL NOR FLASH TECHNICAL NOTES

Technical Notes

TN-12-29: Reset Configurations for MT25Q, MT25T, and N25Q Flash Memory Devices (PDF)

Automotive Embedded Memory Solutions N25Q NOR Flash See More Tags

(TN-12-29) This technical note provides a list of the reset configurations available for MT25Q, MT25T, and N25Q Flash memory devices.

File Type: PDF Updated: 01/13/2017

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Technical Notes

TN-25-01: Migrating from Micron's N25Q to Micron's MT25Q (PDF)

NOR Flash Serial NOR Flash

(TN-25-01) This technical note describes the process for converting a system design from the Micron N25Q Flash memory device to the Micron MT25Q Flash memory device. PCN's 32162, 32163

File Type: PDF

Updated: 12/02/2016

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Technical Notes

TN-25-05: N25Q and MT25Q Serial Flash Stacked Devices (PDF)

Automotive NOR Flash Serial NOR Flash

(TN-25-05) This technical note describes the features of stacked devices for N25Q and MT25Q. These devices are memory with two or more dies in the same package.

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File Type: PDF Updated: 10/24/2016

Technical Notes

TN-25-31: Migrating N25Q 64Mb Standard to Enhanced - Serial NOR Flash (PDF)

(TN-25-31) This technical note provides information to help users to migrate from a standard configuration to an enhanced program and erase speed configuration of the Micron Flash memory N25Q 64Mb device.

File Type: PDF Upda

Updated: 09/28/2016

Automotive Embedded Memory Solutions MT25Q N25Q See More Tags

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Technical Notes

TN-25-09: Layout Guidelines - Serial NOR Flash (PDF)

(TN-25-09) This technical note provides PCB designers basic guidelines for optimizing signal layout and power supply lines in Micron's Serial NOR Flash device to prevent signal integrity problems.

File Type: PDF

Updated: 07/11/2016

Automotive Embedded Memory Solutions MT25Q N25Q See More Tags

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SEARCH (35) SERIAL NOR FLASH TECHNICAL NOTES

Parts with the same Data Sheet (3)

	MT25TL512HBA8E12-0SIT (Current)		MT25TL512HBA8ESF-0SIT	MT25TL512BBA8ESF-0AAT	MT25TL512HBA8ESF-0AAT		
		Sampling	Production	Production	Production		
	Density	512Mb	512Mb	512Mb	512Mb		
	Width	х8	x8	x8	x8		
	Voltage	2.7V-3.6V	2.7V-3.6V	2.7V-3.6V	2.7V-3.6V		
	Package	T-PBGA	SO16 Wide	SO16 Wide	SO16 Wide		
	Pin Count	24-ball	16-pin	16-pin	16-pin		
	Speed	133 MHz	133 MHz	133 MHz	133 MHz		
	RoHS	Yes	Yes	Yes	Yes		
	Туре	Stacked	Stacked	Stacked	Stacked		
Dow	Op Temp	-40C to +85C	-40C to +85C	-40C to +105C	-40C to +105C		

Applications	Embedded	Embedded	Automotive	Automotive	
Part Family	MT25T	MT25T	MT25T	MT25T	
Media	Tray, Tape & Reel				

Where to Buy

Orderable Parts

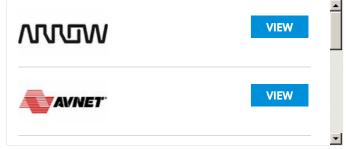
	Status	Media	FBGA Code	SPD Data	Chipset Validation	PLP	Start Date	Alternative Part
MT25TL512HBA8E12- 0SIT	Sampling	N/A	RW224	N/A	N/A	No		N/A

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